

In the Claims

Claims 1-49 (canceled).

50. (original) A radiological imaging support method comprising the steps of:

detecting a γ -ray emitted from a test object in a radiological imaging examination period for obtaining a detection signal of a γ -ray required for production of tomographic image information of said test object, said detection being performed by a radiological imaging support provider;

detecting an X-ray passing through said test object in the radiological imaging examination period for detecting the γ -ray;

producing tomographic image data of said test object using a detection signal of the γ -ray and a detection signal of the X-ray; and

providing the produced tomographic image data to a medical institution by said radiological imaging support provider.

51. (original) The radiological imaging support method according to claim 50, wherein the tomographic image data is provided to said medical institution by said radiological imaging support provider via a communication line.

52. (original) The radiological imaging support method according to claim 50, wherein the X-ray is detected in a part of said radiological imaging examination period.

53. (original) The radiological imaging support method according to claim 50, wherein the X-ray for obtaining an X-ray detection signal is detected using radiation detectors for detecting the γ -ray for obtaining a γ -ray detection signal.